#40

LIBRARY
APR 21 1978
FISH & WILDLIFE SERVICE

Current Economic Analysis S–40

Shellfish

Market Review and Outlook

Industry and Consumer Services Division

Washington, D.C.

MARCH 1978

noaa NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION / NATIONAL MARINE FISHERIES SERVICE

SHELLFISH MARKET REVIEW AND OUTLOOK

U.S. DEPARTMENT OF COMMERCE
Juanita M. Kreps, Secretary

National Oceanic and Atmospheric Administration
Richard A. Frank, Administrator

National Marine Fisheries Service
Terry L. Leitzell, Acting
Assistant Administrator for Fisheries

Industry and Consumer Services Division
John T. Everett, Chief

Principal contributor:
Roger W. Hutchinson
Telephone: 202-634-7518

Research Assistant:
Jens Knutson

CONTENTS

	Page
Summary	2
Review and outlook	3
Shrimp	3
Scallops	5
American lobster	7
Lobster tails	8
King crabs	10
Snow crabs	10
Surf clams	11
Statistical appendix	12

Note: This report is based in part on preliminary data for the year 1977. Revised data will be published in Fisheries of the United States, 1977 in May 1978 and in the next issue of the Shellfish report.

SUMMARY

In 1977, markets for the major shellfish products were, for the most part, adequately supplied to meet market demands. Domestic landings either rose to or continued at high levels, as did imports. With the increased supplies, prices for many shellfish products declined in 1977, ending a rising trend that had prevailed since 1974. Apparent consumption of shellfish items recorded strong gains for the year.

Shrimp: Landings in the Gulf of Mexico were a record 165 million pounds in 1977, while imports, with lower receipts from Mexico, were slightly below the record level of 1976. Inventories of frozen shrimp were relatively high throughout 1977, but ended the year lower than what had been anticipated. Apparent consumption rose 11 percent. Prices began dropping seasonally in May and remained down through the rest of the year.

Scallops: In 1977, landings of sea scallops rose 17 percent above 1976 and were more than three times the 1971-75 average. Imports, mostly from Canada, were a record 30 million pounds. Because of the sharp increase in new supplies, inventories rose to a record 6 million pounds at the end of the year. Apparent consumption of scallops rose 23 percent to 52 million pounds, also a record. Prices reached seasonal lows in the second quarter before rising through the second half.

American lobster: Total supplies of American lobster in 1977 were unchanged from 1976. Prices followed normal seasonal patterns during the year, reaching record highs in the first quarter before moving down in the second and third quarters.

Lobster tails: Total supplies of lobster tails rose 11 percent in 1977. Imports rose 2 percent, while inventories at the beginning of the year were more than double those in 1976. Apparent consumption rose 18 percent from 1976. Wholesale prices for warm-water lobster tails were relatively weak through much of the year, but prices for cold-water lobster tails remained strong.

King crab: Wholesale prices for king crab continued to rise in 1977. Strong demand plus lower production in the fourth quarter resulted in sharp price increases.

Snow crab: Record landings in the first half of 1977 kept prices stable through most of the year. Landings are expected to increase 40 to 50 percent in 1978.

Surf clams: Surf clam landings rose slightly in 1977, and prices stabilized. Landings are expected to drop 30 percent in 1978 as a result of provisions of the management plan governing this resource. This could lead to increased landings of ocean quahog clams--landings rose sharply in 1977.

Outlook: Markets for shellfish products are expected to continue strong in 1978. Cold storage holdings are high for many products, but this is not viewed as a serious threat to market stability. Significant price gains seem unlikely considering the higher supplies. New supplies entering the market are not likely to exceed the record levels of 1977 but will still remain high. Demand will continue strong resulting in continued high apparent consumption.

SHRIMP

Total supplies of fresh and frozen shrimp were 511.1 million pounds (heads-off weight) in 1977--11 percent above 1976 and 10 percent above the 1971-75 average. New supplies of shrimp (landings plus imports) totaled 443.1 million pounds, up 7 percent from 1976. Landings of shrimp were at record levels in 1977; imports were slightly below the record of 1976. Apparent consumption of fresh and frozen shrimp rose 11 percent above 1976 to 376.4 million pounds. Prices declined because of the increase in supplies.

Table 1.--Supply and utilization of fresh and frozen shrimp, 1976, 1977, and 1971-75 average

(Heads-off weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	Million pounds			Percent
Beginning inventory	78.0	47.4	61.0	+ 29
Landings 1/	153.4	148.9	178.3	+ 20
Imports	234.1	266.0	264.8	-
Total supply	465.5	462.3	511.1	+ 11
Ending inventory	73.0	61.0	80.2	+ 31
Canned pack 2/	24.9	22.1	28.7	+ 30
Exports	54.3	48.1	34.8	- 28
Apparent consumption	313.3	331.1	367.4	+ 11

1/ South Atlantic, Gulf of Mexico, and New England.
2/ Gulf only.

Total inventories of frozen shrimp at the beginning of 1977 were 72.9 million pounds (product weight)--30 percent above what was available at the beginning of 1976, but still 12 percent below the 82.7 million pounds averaged in the 1971-75 period. Inventories declined seasonally from January to May and averaged 64.9 million pounds in the second quarter, only slightly above the 1971-75 average for the quarter. Inventories of shrimp began to increase in May with the start of the Louisiana brown shrimp season and heavy landings in that State. By the beginning of the fourth quarter, inventories had risen to 88.8 million pounds--20 million pounds above the 1971-75 average. Inventory growth in the fourth quarter of 1977 was not out of line with previous years. Normally, a large part of the inventory increase in the fourth quarter is associated with seasonally heavy imports. Any unusual increase in inventories during this time would be an indication of future problems in the market, as demonstrated by the fourth-quarter increase in 1973 of 26 million pounds (table 2).

Table 2.--Changes in shrimp inventories in the fourth quarter, 1972-77

(Product weight)

Year	October 1 inventory	December 31 inventory	Change
	Million pounds		
1972	89.7	95.8	+ 6.1
1973	58.2	84.0	+ 25.8
1974	71.8	81.0	+ 9.2
1975	47.6	55.9	+ 8.3
1976	63.8	72.9	+ 9.1
1977	88.8	94.3	+ 5.5

The increase in inventories in 1977 can be associated with the heavy landings in the Gulf; however, there were other contributing factors. Regional comparisons show that inventories in the Pacific region in 1977 averaged 7 to 10 million pounds above 1976. According to industry sources, marketing difficulties were a factor keeping these inventories high. Higher inventories in the Middle Atlantic region were associated with the continued high imports. Inventories in the New England region rose sharply in the second half of 1977 and averaged 10.7 million pounds in the fourth quarter--more than double the 1976 level. Heavy imports of shrimp from Canada and Greenland likely contributed to these gains.

Landings of shrimp in the South Atlantic, Gulf of Mexico, and New England regions in 1977 were 178.6 million pounds (heads-off weight)--20 percent above 1976. A sharp increase in the Gulf landings easily offset declines in the South Atlantic and New England areas.

Landings of shrimp in the Gulf were 152.1 million pounds in the May-December period compared with 114.8 million pounds in 1976 and 105.7 million pounds averaged in 1971-75. Louisiana recorded the highest landings with 66.2 million pounds; Texas was next with 56.8 million pounds.

Table 3.--Landings of shrimp in the South Atlantic, Gulf, and New England regions, 1976, 1977, and 1971-75 average

(Heads-off weight)

Area	1971-75 average	1976	1977	Change 1976 to 1977
	- - Million pounds- -			-Percent- -
New England	11.2	1.3	0.5	- 63
South Atlantic	17.0	15.6	12.4	- 21
Gulf of Mexico	125.2	132.2	165.7	+ 25
Total	153.4	149.1	178.6	+ 20

Total imports of shrimp in 1977 were 228 million pounds (product weight), about the same as in 1976 and 9 percent above the 1971-75 average. Imports of raw headless shrimp were 125.8 million pounds, down 3 percent from 1976, but about the same as the 1971-75 average. These increased imports of shell-on shrimp came from Central America, Canada, and Greenland. Receipts of shell-on shrimp from Canada and Greenland were 6.5 million pounds in 1977 compared to almost nothing in 1975 and 1976. Receipts of shell-on shrimp from Central America, Canada, and Greenland were 54.8 million pounds in January-September--21 percent above 1976 and 34 percent above the 1971-75 average. Lower imports in the fourth quarter, particularly from Mexico, brought total imports from these areas to 111.1 million pounds in 1977, only slightly below 1976. Imports of shell-on shrimp from Mexico in the fourth quarter were 22.9 million pounds, compared with 31.5 million pounds in 1976.

Imports of peeled raw shrimp increased slightly in 1977 to 87.8 million pounds. Imports from South America increased 60 percent to 6.4 million pounds. Imports from Asia were down slightly from last year, but were still 47 percent above the 1971-75 average.

Total supplies of shrimp in 1977 increased 11 percent from a year earlier to 511 million pounds. Much of this growth occurred after the Gulf season began in May. In May-December 1977, total supplies were up 12 percent over 1976 and 13 percent above the 1971-75 average (table 4). New supplies of shrimp increased 8 percent from 1976 and 17 percent from the 1971-75 average. Domestic landings of shrimp in the May-December period increased 26 percent, offsetting a 5-percent decline in imports.

Apparent consumption of fresh and frozen shrimp was up 11 percent in 1977 to 367 million pounds. Movement was particularly heavy in the third quarter when apparent consumption was 101 million pounds--10 percent above 1976 and 18

Table 4.--Total supplies of fresh and frozen shrimp, May-December 1976, 1977, and 1971-75 average

(Heads-off weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	- - Million pounds- -			-Percent- -
Beginning inventory	56.9	35.6	52.7	+ 48
New supplies				
Landings	125.6	129.6	163.5	+ 26
Imports	164.0	184.9	175.6	- 5
Total	289.6	314.5	339.1	+ 8
Total supplies	346.5	350.1	391.8	+ 12

percent above the 1971-75 average. This was associated with the higher supplies available as well as price declines during the third quarter. Average consumption per month in 1977 was 31 million pounds. This compares with 28 million pounds in 1976 and 26 million pounds for the 1971-75 period. The increase in average consumption per month is associated with the growth in restaurant sales of shrimp, which, in turn, have been stimulated by the increased attention given to seafood on the restaurant menu.

With demand for shrimp continuing high, price movements in 1977 reflected supply conditions. The improvement in supplies in 1977 enabled market demands to be more easily met, and, as a result, prices in 1977 were below 1976 prices. Prices moved down seasonally in May, and remained below 1976 levels because of heavy Gulf landings. For example, wholesale prices for 26-30 count shrimp at New York were $4.04 per pound in March before dropping to an average of $3.15 in the August-October period. In 1976, these prices reached $4.42 per pound before falling to an average of $3.31 in August-October.

OUTLOOK

Total supplies of fresh and frozen shrimp in the first 4 months of 1978 are expected to be 183 to 190 million pounds (heads-off weight)--14 percent above the 165 million pounds available in 1977 (table 5). Inventories at the beginning of the year were 80.2 million pounds (again heads-off weight); new supplies (landings plus imports) entering the market during January-April are expected to be 103 to 110 million pounds.

Table 5.--Estimated January-April 1978 supply and utilization of fresh and frozen shrimp with comparisons

(Heads-off weight)

Component	1971-75 average	1977	1978 estimate	Change 1977 to 1978
	-Million pounds-			-Percent-
Beginning inventory	73.0	61.0	80:2	+ 31
Landings 1/	25.8	14.8	20-22	+ 42
Imports	74.3	89.1	83-88	- 4
Total supply	173.1	164.9	183-190	+ 14
Ending inventory	55.4	52.7	62-69	+ 22
Canned pack 2/	1.1	.3	1	+ 333
Exports	13.1	7.7	10-15	+ 62
Apparent consumption	103.5	104.2	110	+ 6

1/ South Atlantic, Gulf of Mexico, and New England only.
2/ Gulf only.

Landings of shrimp in January-April averaged 26 million pounds in 1971-75, and declined to 19 million pounds in 1976 and to 15 million pounds in 1977. The decline in part reflects the lower landings in New England. Landings of shrimp in the first 4 months of 1976 and 1977 came almost entirely from the Gulf region. Florida and Texas account for a large proportion of Gulf landings during this time. Landings in Texas are not likely to improve because of fishing restrictions in areas off Mexico. Shrimp resources off Florida are being fully utilized, and significant increases in landings are not expected. As a result, no dramatic improvement in domestic product in the first 4 months of 1978 would be anticipated.

Imports of shrimp are estimated at 83 to 88 million pounds in January-April 1978. In the past, U.S. imports of shrimp were influenced by the activity of Japanese traders in world shrimp markets. But in 1976 and 1977, both the United States and Japan imported record amounts of shrimp, indicating that the presence of Japanese activity in the market has not restrained the amount of shrimp imported into the United States. World supplies of shrimp in 1978, therefore, are expected to be high enough to support needs of importers in both the United States and Japan. Any remaining effects of Japanese buying on United States imports would result from competition for larger sized shrimp, which have been the focus of Japanese buying.

Apparent consumption of shrimp in January-April has averaged 103 million pounds since 1971 with little variation from this figure. This figure represents the peak consumption that can be expected to occur during the first quarter for reasons related either to market demand or to seasonally low supplies. There is evidence to suggest that consumption is, in fact, restricted during the first quarter because of low supplies available. Apparent consumption of shrimp is expected to be 110 million pounds in January-April. Another 10 to 15 million pounds is likely to be exported. This would result in inventories of 62 to 69 million pounds at the end of April.

Prices of shrimp in early 1978 will be dependent on the demand for shrimp and imports. If apparent consumption of fresh and frozen shrimp remains high and imports of shrimp are lower than expected, prices would rise. Offsetting this influence will be the heavy inventories of shrimp. Although these inventories are not expected to be a problem in the market, they should act to prevent or moderate price gains.

SCALLOPS

Total supplies of scallops were an estimated 58 million pounds in 1977--23 percent above 1976 and about twice the 1971-75 average. New supplies of scallops (landings plus imports) rose 18 percent to 53 million pounds. Inventories ranged from a low of 3.2 million pounds at the beginning of May to 6 million pounds at the end of December. Apparent consumption of scallops was up 23 percent in 1977 to 52 million pounds. Prices followed normal seasonal patterns, moving down as supplies increased in April and then increasing in late summer as supplies began to decline.

Table 6.--Supply and utilization of scallops, 1976, 1977, and 1971-75 average

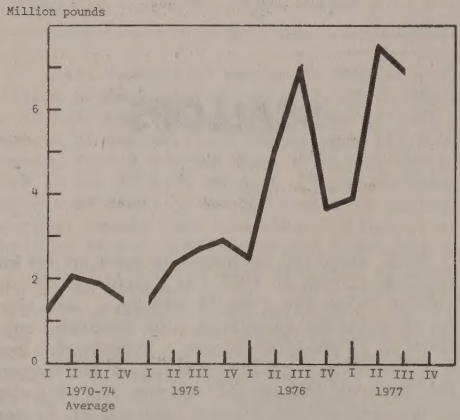
(Meat weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	-Million pounds-			-Percent-
Beginning inventory	2.7	2.0	4.9	+ 145
Landings 1/	7.2	19.8	23.2	+ 17
Imports	19.2	25.3	29.8	+ 18
Total supply	29.2	47.1	57.9	+ 23
Ending inventory	2.9	4.9	5.9	+ 20
Apparent consumption	26.2	42.2	52.0	+ 23

1/ Sea scallops landings only.

Total landings of sea scallops in the United States in 1977 were 23.2 million pounds--17 percent above 1976. Landings of sea scallops have grown significantly since 1975 (fig. 1) and averaged 13.2 million pounds in the second and third quarters of 1976 and 1977, more than three times the 1971-75 average of 4 million pounds. In 1977, landings in Massachusetts were an estimated 15.9 million pounds--43 percent above 1976 and 68 percent of the total landings of sea scallops. Landings were up 22 percent in Virginia to 3.5 million pounds. Landings in New Jersey were the same as in 1976.

Figure 1. -- TOTAL U.S. LANDINGS OF SEA SCALLOPS, BY QUARTER

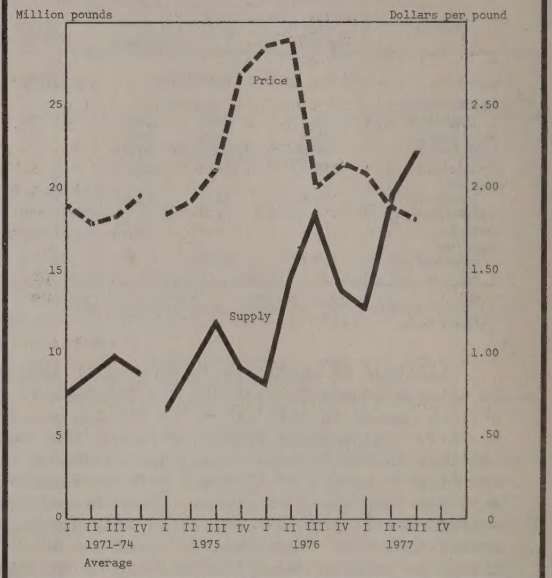


Landings of sea scallops in Canada through November 1977 were 27.8 million pounds--11 percent above 1976. United States imports of scallops from Canada in 1977 were 26 million pounds--28 percent ahead of 1976. Imports from Canada accounted for 88 percent of total imports of 30 million pounds in 1977. Other than Canada, only the United Kingdom and Iceland exported significant quantities of scallops to the United States in 1977, particularly in the last 4 months of the year.

Apparent consumption of scallops in 1977 reached an estimated 52 million pounds--23 percent above 1976 and about twice the 1971-75 average. The monthly rate of apparent consumption reached 6.1 million pounds in June and 6.2 million pounds in July compared to the 1971-75 average of 2.6 million pounds.

The high rate of apparent consumption in 1976 and 1977 is directly attributable to the higher supplies available. Since the second and third quarters of 1976, prices have been reacting to the much higher supplies available to the market (fig. 2). For several years previously, supplies remained low, and it seems that increasing demand was the major influence on prices at that time.

Figure 2. - TOTAL SUPPLY AND WHOLESALE PRICE FOR SCALLOPS



OUTLOOK

Total supplies of scallops in the first quarter of 1978 are likely to show a slight increase from the 12.8 million pounds available in the first quarter of 1977 as a result of higher inventories (table 7). Both landings and imports are expected to be the same as in the first quarter of 1977, about 4 million pounds each. Demand for scallops is expected to continue strong, and this will give firm support to the market in the coming months.

Table 7.--Estimated January-March 1978 supply and utilization of scallops, with comparison

(Meat weight)

Component	1972-76 average	1977	1978	Change 1977 to 1978
	- -Million pounds- -			-Percent- -
Beginning inventory	2.9	4.9	5.4	+ 10
Landings 1/	1.6	4.0	4.0	-
Imports	3.3	3.9	4.0	+ 3
Total supply	7.8	12.8	13.4	+ 5
Ending inventory	2.0	3.6	4.0	+ 11
Apparent consumption	5.8	9.2	9.4	+ 2

1/ Sea Scallops landings only.

It is possible that the strength of the scallop market could result in a more noticeable increase in imports during the first quarter of 1978 than indicated in table 7. Less than 1 million pounds of scallops were imported from countries other than Canada in the first quarter of 1977. In prior years, as much as 3 million pounds have come from these other countries. High imports from these other countries were associated with wholesale prices close to or in excess of $2.50 per pound. Recent wholesale prices at Boston and New York have been approaching this level, and this is seen as a positive influence on imports. Because prices have been sensitive to the level of supplies since 1976, prices may become volatile in reaction to the volume of imports during the coming months. No significant decline in prices seems likely, because demand should continue strong and total supplies, even with high imports, will be at seasonal lows until the second quarter. Prices are not expected to decline until the second quarter of 1978, and this will be a seasonal reaction to increasing supplies.

AMERICAN LOBSTER

Total supplies of American lobster in 1977 were 53.5 million pounds (live weight), about the same as that available in 1976 (table 8). Both domestic landings and imports from Canada showed little deviation from either 1976 or the 1971-75 average.

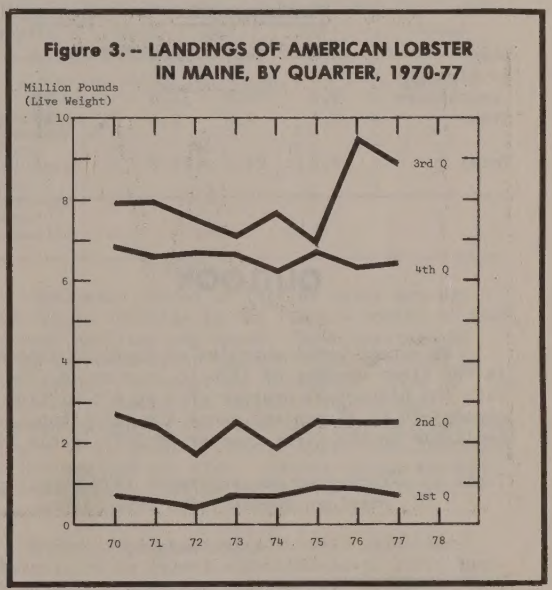
Table 8.--Supply of American lobster, 1976, 1977, and 1971-75 average

(Live weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	Million pounds			Percent
Landings	24.8	24.5	24.7	+ 1
Imports	28.3	29.1	28.8	- 1
Total supply	53.1	53.6	53.5	-

Compared with 1976, landings of American lobster in the United States were down 7 percent in the third quarter of 1977, offsetting a 3-percent increase in the first 6 months. Much of the third quarter decline resulted from lower landings in Maine. In the fourth quarter, a sharp increase in landings in Massachusetts and Rhode Island brought the cumulative total back up to the 1976 level. Landings of American lobster in Maine were 18.5 million pounds in 1977, marginally below 1976. Although landings of American lobster were down in the third quarter, they were still above the trend for recent years (fig. 3). In all other quarters, landings were about the same as in recent years.

Figure 3. -- LANDINGS OF AMERICAN LOBSTER IN MAINE, BY QUARTER, 1970-77



Total imports of American lobster from Canada in 1977 were 28.8 million pounds, slightly below 1976 (table 9). Imports of live lobster were about the same as last year. An 18-percent increase in imports of lobster in airtight containers offset a 42-percent reduction in imports of unclassified lobster products.

Exvessel prices for American lobster reached record highs in the first quarter of 1977, and declined to more normal levels in the second quarter. From May through September, exvessel prices were about 10 percent above prices in 1976 and about the same as in 1975. In the fourth quarter, exvessel prices increased sharply, reaching $2.57 per pound in December--43 percent above 1976. Wholesale prices at New York moved in a similar pattern. From record highs in the first quarter, wholesale prices in 1977 dropped below 1976 levels by June, but then moved up and averaged about 10 percent above 1976 from July through

September. In the fourth quarter, wholesale prices for American lobster failed to follow gains in exvessel prices. Wholesale prices in December 1977 were only slightly above 1976.

Table 9.--United States imports of American lobster from Canada, 1976, 1977, and 1971-75 average

(Live weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	- -Million pounds - -			-Percent- -
Live	15.3	14.9	14.4	- 3
In airtight containers	9.0	10.0	11.4	+ 18
Other	4.1	4.3	2.5	- 42
Total	28.3	29.1	28.8	- 1

OUTLOOK

We expect total supplies of American lobster in the first quarter of 1978 to be more in line with the historical average of 6 to 6.5 million pounds--20 to 30 percent above the total supplies available in the first quarter of 1977 (table 10).

Table 10.--Estimated January-March 1978 supply of American lobster with comparisons

(Live weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	- -Million pounds - -			-Percent- -
Landings	1.3	1.1	1.3-1.4	+ 23
Imports	4.8	3.8	4.7-5.1	+ 30
Total supply	6.1	5.9	6-6.5	+ 25

Total supplies in 1977 were affected by the extreme cold that limited fishing effort and caused declines in both domestic landings and imports. The more favorable weather conditions expected to prevail in 1978 should cause fishing effort to be at a normal level.

Exvessel and wholesale prices of American lobster in the first quarter will be reaching the highest levels of the year, because supplies, although improved, will still be at seasonal lows. Prices are not expected to reach the record highs of early 1977.

For the year as a whole, little change is expected in either landings or imports. Total supplies have averaged 53.2 million pounds since 1971 and should not deviate from this in 1978. Under such conditions, increasing demand for American lobster can be translated into increasing prices. Currently, however, indications are that both exvessel and wholesale prices are not likely to increase significantly from 1977 levels, particularly in the third quarter when landings will be seasonally heavy.

LOBSTER TAILS

Total supplies of lobster tails in 1977 increased 11 percent over the previous year (table 11). Increased supplies in 1977 resulted mostly from the higher inventory position at the beginning of the year. Total imports of lobster tails were only 2 percent above 1976. Apparent consumption of lobster tails was up 18 percent from 1976 and 8 percent above the 1971-75 average.

Table 11.--Supply and utilization of lobster tails, 1976, 1977, and 1971-75 average

(Product weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	- - Million pounds- -			-Percent-
Beginning inventory	5.5	2.7	6.2	+ 130
Imports	32.2	33.3	33.9	+ 2
Total supply	37.7	36.0	40.1	+ 11
Ending inventory	5.2	6.2	5.0	- 19
Apparent consumption	32.5	29.8	35.1	+ 18

Total imports of lobster tails in 1977 were 33.9 million pounds (table 12). Imports of cold-water tails were about the same as last year. A 7-percent increase in receipts from South Africa offset declines from Australia and New Zealand. Higher imports of lobster tails from Brazil and Nicaragua led to the overall increase in imports of warm-water lobster tails. Imports from Nicaragua were 2.4 million pounds--76 percent above 1976.

Table 12.--Imports of lobster tails by country of origin, 1976, 1977 and 1971-75 average

(Product weight)

Component	1971-75 average	1976	1977	Change 1976 to 1977
	Million pounds			Percent
Cold-water				
Australia	9.1	9.3	9.1	- 2
New Zealand	3.2	2.6	2.5	- 4
South Africa	5.6	6.0	6.4	+ 7
Other	.1	.1	.1	-
Total	18.0	18.0	18.1	+ 1
Warm-water				
Brazil	5.5	4.9	5.2	+ 6
Asia	3.8	3.7	3.1	- 16
Other	4.9	6.7	7.4	+ 10
Total	14.2	15.3	15.7	+ 3
Grand total	32.2	33.3	33.9	+ 2

Wholesale prices for lobster tails in 1977 reflected the changing supply conditions, particularly for the warm-water lobster tails. Other than for minor declines, wholesale prices for cold-water lobster tails generally increased through September, while wholesale prices for warm-water lobster tails declined. This increased the price differential between the two products considerably. As supplies of warm-water lobster tails were reduced in the fourth quarter, wholesale prices moved up, but not to the level that existed at the beginning of the year (table 13).

Table 13.--Wholesale prices for 6-8 ounce cold-and warm-water lobster tails in 1977

Month	Cold-water	Warm-water	Differential
	Dollars per pound		
January	$7.49	$5.92	$1.57
March	7.40	5.90	1.50
May	7.50	5.06	1.45
July	7.63	5.88	1.75
September	7.63	5.55	2.08
November	7.65	5.71	1.94

Apparent consumption of lobster tails was 35.1 million pounds in 1977--18 percent above 1976 and 8 percent above the 1971-75 average. Consumption was particularly high in the third quarter; this resulted from the lower prices for warm-water tails. With the higher consumption, inventories of lobster tails fell from a high of 6.7 million pounds at the beginning of February to 5.1 million pounds at the end of September, 4 percent below a year earlier and 7 percent below the 1971-75 average. In the fourth quarter, apparent consumption continued high, but higher imports resulted in a moderate increase in inventories.

OUTLOOK

Total supplies of lobster tails in the first 6 months of 1978 are expected to be 24.6 million pounds, slightly less than in 1977 (table 14). Imports of lobster tails are expected to increase, because of higher imports from Brazil. Apparent consumption of lobster tails should be marginally below a year earlier.

Table 14.--Estimated January-June 1978 supply and utilization of lobster tails with comparisons

(Product weight)

Component	1972-76 average	1977	1978 Estimate	Change 1977 to 1978
	Million pounds			Percent
Beginning inventory	5.2	6.3	5.0	- 21
Imports	18.0	18.9	19.6	+ 4
Total supply	23.2	25.2	24.6	- 2
Ending inventory	5.1	5.4	5.4	-
Apparent consumption	18.1	19.8	19.2	- 3

Wholesale prices of lobster tails are not expected to increase in the first 6 months of 1978, and some declines may occur. Some weakness in prices for cold-water lobster tails occurred in early January as supplies increased. This weakening reflects the improved supply that normally exists in the first half of the year when imports of cold-water lobster tails from Australia and New Zealand are high. Prices should strengthen as imports decline going into the third quarter.

Markets for warm-water lobster tails are likely to be as volatile in 1978 as in 1977, but for different reasons. In the last 2 years, sharp increases in imports from Nicaragua led to heavy supplies of warm-water lobster tails and price weakness. This year, further increases from Nicaragua seem unlikely, so receipts should remain at the 1977 level.

Markets will, however, be affected by fishing restrictions in Brazil. Fishing will be allowed in March and April 1978, months in which fishing had been prohibited in 1976 and 1977. This will lead to higher imports through June.

Wholesale prices may weaken because of this. In the second half of the year, lobster fishing will, according to recent reports, be prohibited in the last 4 months of 1978 plus January 1979. This would not be likely to affect United States imports of lobster tails from Brazil until December. Even so, this effect should not be significant because fishing effort normally begins to seasonally decline in August. Also, in 1977, Brazilian restrictions on lobster fishing had originally been scheduled to cover 3 months, but were reduced to cover 2 months. It is possible that similar action could be taken later this year to reduce the time in which fishing will be prohibited.

KING CRABS

Total landings of king crabs were 99 million ınds in 1977--6 percent below 1976 (table 15). ıdings in the Bering Sea increased 12 percent 79 million pounds and accounted for 79 percent the total landings of king crab. Landings at ›diak were 13 percent of the total landings.

ıble 15.--Landings of king crab in Alaska, by area, 1976 and 1977

(Live weight)

Area	1976	1977	Change
	-Million pounds-		-Percent-
Bering Sea	70.3	78.9	+ 12
Kodiak	17.5	13.2	- 25
Unalaska	11.5	4.1	- 64
Other	6.5	3.1	- 51
Total	105.8	99.1	- 6

Total inventories of king crab in 1977 reached a peak of 22 million pounds at the beginning of February--26 percent above the previous year--before starting a seasonal decline that carried inventories to 4.1 million pounds at the beginning of October, half the previous year's total. From that point, inventories began to increase following seasonally higher landings. Production and inventory figures indicate a preference for king crab sections over king crab meat. Reportedly, 75 percent of king crab landings were processed as sections with the remaining 25 percent going to crab meat. Holdings of king crab sections rose to 17 million pounds at the end of December--27 percent above the previous year. Holdings of king crab meat were 7.5 million pounds--47 percent above 1976.

OUTLOOK

Landings of king crabs in the first quarter of 1978 will be seasonally low and are expected to be 4 to 5 million pounds, about the same as in 1976 and 1977. Landings in the second quarter will be negligible.

Total supplies of king crab in the first half of 1978 will, for the most part, be limited to what is available in inventory. Production of king crab sections in the 1977 season is estimated at 38 million pounds. This will allow for a rate of consumption of a little over 3 million pounds per month.

Currently, it appears that movement of sections is close to the 3 million pounds per month level. If movement were slower, it is likely that recent prices would be weaker. For king crab meat, less than 1 million pounds per month will be available for consumption.

Recent wholesale prices for king crab meat, $7.75 per pound, are 29 percent above the $6.00 recorded in early 1977. Sections, at $4.00 per pound, are 50 percent above 1977. Wholesale prices for king crab meat have risen sharply since 1975, and support for continued increases appears to be declining. Because of this, wholesale prices for king crab are expected to stabilize for the near term, although minor increases could occur.

SNOW CRABS

Total landings of snow crabs in 1977 were 96 million pounds (live weight)--19 percent above 1976. More than half the snow crab landings came from the Bering Sea; over 20 percent were landed in Kodiak. Virtually all the snow crab landings were in the first half of the year.

Table 16.--Landings of snow crabs in Alaska, by area, 1976 and 1977

(Live weight)

Area	1976	1977	Change
	-Million pounds-		-Percent-
Bering Sea	22.3	51.9	+ 133
Kodiak	23.4	20.7	- 12
South Peninsula	7.2	6.9	- 4
Chignik	11.2	5.6	- 50
Other	16.6	10.8	- 35
Total	80.7	95.9	+ 19

Inventories of snow crabs in 1977 peaked at 11.6 million pounds at the beginning of July before declining seasonally through the rest of the year.

OUTLOOK

Landings of snow crabs are estimated to be 130 to 135 million pounds in 1978--41 percent above 1977. About 75 million pounds will come from the Bering Sea, with 20 to 25 million pounds being landed in Kodiak. Exvessel prices started the 1978 season at 42 cents per pound at Kodiak. The exvessel price at the beginning of the 1977 season was 30 cents per pound and rose to 37 cents per pound at the end of May.

Movement of snow crabs is reportedly good; the domestic market for snow crabs continues to expand. The sharp increase in landings of snow crabs anticipated in 1978, however, could adversely affect prices by creating an oversupply situation. Historically, wholesale prices for snow crab meat have weakened in the third quarter of the year. There is no reason not to anticipate similar price weakness in the third quarter of 1978. Additionally, export demand might not be as strong as expected. Nevertheless, wholesale prices are likely to remain at relatively high levels throughout the year; any declines would be expected to be no more serious than trends established in the last 2 years.

SURF CLAMS

Total landings of surf clams in 1977 were 51.4 million pounds (meat weight)--5 percent above 1976. Higher landings in Maryland and Virginia accounted for this increase (table 17).

Exvessel prices for surf clams during the second half of 1977 stabilized at about 45 cents per pound--roughly 20 percent below that averaged in the second half of 1976 and the first half of 1977. Wholesale prices also became more stable, with clam strips at $13.75 per gallon and minced clams at $11.75 per gallon.

Table 17--Landings of surf clams by State, January-December, 1976 and 1977

(Meat weight)

State	1976	1977	Change
	--Million pounds--		--Percent--
New York	3.5	3.4	- 3
New Jersey	24.4	23.6	- 3
Maryland	7.1	8.4	+ 18
Virginia	14.1	15.8	+ 2
Other	1/	.2	--
Total	49.1	51.4	+ 5

1/ Less than 50,000 pounds.

OUTLOOK

With initiation of the Fisheries Management Plan for surf clams, landings of surf clams will be restricted to about 30 million pounds in 1978. Quarterly quotas allow for 5.9 million pounds to be landed in the first and fourth quarters and 9.2 million pounds to be landed in the second and third quarters.

The reduction in landings of about 40 percent is likely to lead to increases in exvessel and wholesale prices for surf clams. Higher prices for surf clams will tend to increase the use of ocean quahog clams. Since the decline in landings of surf clams after 1974, landings of ocean quahogs have grown rapidly from an annual average of 1.3 million pounds in 1970-75 to 5.7 million pounds in 1976 and 16.4 million pounds in 1977. The Fisheries Management Plan calls for a restriction of ocean quahogs to 30 million pounds in 1978, but that restriction is high enough to allow considerable growth in landings if market demand warrants.

STATISTICAL APPENDIX

The Secretary of Commerce has determined that the publication of this periodical is necessary in the transaction of the public business required by law of this department. Use of funds for printing this publication approved by the Office of Management and Budget, July 26, 1973; this approval expires June 30, 1978.

Table A 1.--U.S. imports of shrimp by country of origin, January-December 1976 and 1977

(Product weight)

Country	1976	1977	1977 as a percentage of 1976	Percentage of total imports	
				1976	1977
	Million pounds			Percent	
North America					
Mexico	80.4	76.2	94.8	35.0	33.0
Panama	11.6	10.1	87.1	5.0	4.4
Nicaragua	6.5	7.4	113.8	2.8	3.2
Greenland	-	5.4	-	-	2.3
El Salvador	5.6	5.3	94.6	2.4	2.3
Honduras	3.9	4.7	102.5	1.7	2.0
Guatemala	2.7	3.8	140.7	1.2	1.6
Costa Rica	2.1	1.3	61.9	.9	.6
Other	2.8	4.1	146.4	1.2	1.8
Total	115.6	118.3	102.3	50.3	51.2
South America					
Ecuador	9.4	8.6	91.5	4.1	3.7
Colombia	6.3	5.7	90.5	2.8	2.5
Guyana	4.2	4.5	107.2	1.8	1.9
Surinam	3.8	3.6	94.7	1.7	1.6
Brazil	2.0	3.5	175.0	.9	1.5
Venezuela	5.8	2.8	48.3	2.5	1.2
French Guiana	1.4	1.7	121.4	.6	.7
Other	1.1	1.0	90.9	.5	.4
Total	34.0	31.4	92.4	14.8	13.6
Europe					
Total	1.5	2.2	146.7	.7	1.0
Asia					
India	41.6	41.1	98.8	18.1	17.8
Indonesia	4.6	4.6	100.0	2.0	2.0
Thailand	3.3	4.2	127.3	1.4	1.8
Taiwan	5.1	3.6	70.6	2.2	1.6
Hong Kong	5.1	3.4	66.7	2.2	1.5
Bangladesh	3.8	3.4	89.5	1.7	1.5
Iran	.9	3.0	333.3	.4	1.3
Malaysia	2.3	2.7	95.7	1.0	1.0
Kuwait	1.0	1.3	130.0	.4	.6
Other	7.5	9.2	122.7	3.3	4.0
Total	75.2	72.6	96.6	32.7	31.4
Australia & Oceania					
Total	.8	.8	100.0	.3	.3
Africa					
Total	2.7	2.5	92.6	1.2	1.1
Grand total	229.8	231.0	100.5	100.0	100.0

Table A .--Supply and utilization of fresh and frozen shrimp, monthly, 1976 and 1977

(Heads-off weight)

Month	Supply				Utilization					
						Exports			Apparent consumption	
	Beginning stocks	Landings 1/	Imports	Total	Ending stocks	Fresh & frozen	Foreign	Canned Pack 2/	Total	Per capita
	Million pounds									Pounds
1976										
January	47.4	5.5	21.9	74.8	42.7	1.8	0.6	0.1	39.6	0.138
February	42.7	4.9	17.2	64.8	38.4	1.8	.3	3/	24.6	.113
March	38.4	4.4	21.9	64.8	40.4	1.7	.4	-	22.2	.106
1st quarter	47.4	14.8	61.1	123.3	40.4	5.3	1.3	.2	76.1	.457
April	40.4	4.5	19.9	64.8	35.6	2.3	.4	-	26.4	.123
May	35.6	16.1	18.2	70.0	35.9	1.3	.3	5.2	27.1	.126
June	35.9	23.0	23.1	82.0	42.1	1.5	.4	7.7	30.2	.141
2d quarter	40.4	43.7	61.2	145.3	42.1	5.1	1.1	12.9	83.9	.390
July	42.1	20.7	22.4	85.2	44.7	1.9	.5	3.2	34.9	.163
August	44.7	16.3	18.2	79.2	48.6	1.7	.7	1.3	26.9	.125
September	48.6	18.8	18.3	85.8	52.9	1.6	.5	.6	30.1	.140
3d quarter	42.1	55.8	58.9	156.9	52.9	5.2	1.7	5.2	91.9	.428
October	52.9	17.3	24.3	94.5	56.3	1.9	.6	1.9	33.8	.157
November	56.3	11.3	31.3	98.9	67.9	3.2	2.7	1.4	23.8	.111
December	67.9	6.0	29.1	102.9	61.0	2.7	1.5	.4	37.2	.173
4th quarter	52.9	34.6	84.7	172.2	61.0	7.8	4.8	3.7	94.8	.441
1977										
January	61.0	3.0	22.0	86.1	64.2	1.4	.6	.2	21.5	.100
February	62.4	2.8	19.8	85.0	55.5	1.2	.6	.2	27.5	.128
March	55.5	3.8	25.8	85.1	54.3	1.3	.4	-	29.1	.135
1st quarter	61.0	9.6	67.6	138.2	54.3	3.9	1.6	.4	78.0	.363
April	54.3	5.2	21.5	81.0	52.7	1.5	.7	-	26.0	.120
May	52.7	19.8	21.1	93.5	56.4	1.7	1.3	7.5	26.7	.124
June	56.4	26.4	24.6	107.3	63.4	1.9	.4	8.8	32.8	.152
2d quarter	54.3	51.4	67.1	172.7	63.4	5.1	2.5	16.3	85.4	.396
July	63.4	23.7	20.7	107.8	68.4	2.8	.4	1.6	34.6	.160
August	68.4	24.0	21.0	113.4	71.9	2.4	.7	1.5	37.0	.171
September	71.9	20.6	16.8	109.3	74.6	3.3	.6	1.4	29.4	.136
3d quarter	63.4	68.4	58.5	190.3	74.6	8.4	1.8	4.6	100.9	.467
October	74.6	20.6	23.8	119.0	78.1	2.7	1.0	2.7	34.5	.159
November	78.1	17.3	22.8	118.2	82.4	3.2	1.4	2.8	28.4	.131
December	82.4	10.8	25.0	118.2	94.3	2.8	.4	2.0	18.7	.086
4th quarter	74.6	48.7	71.6	194.9	94.3	8.7	2.8	7.5	81.6	.376

1/ South Atlantic, Gulf and New England only.
2/ Gulf States only.
3/ Less than 50,000 pounds.

Note: Figures may not add to total because of rounding.

Table A --Supply and utilization of all shrimp, monthly, 1976 and 1977

(Heads-off weight)

Month	Supply				Utilization					
						Exports			Apparent consumption	
	Beginning stocks	Landings	Imports	Total	Ending stocks	Fresh & frozen	Canned	Foreign shrimp	Total	Per capita
	Million pounds									Pounds
1976										
January	47.4	12.3	22.1	81.8	42.7	1.8	1.1	0.6	35.6	0.166
February	42.7	12.0	17.4	72.1	38.4	1.8	.8	.3	30.8	.144
March	38.4	5.7	22.5	66.6	40.4	1.7	.8	.4	23.3	.109
1st quarter	47.4	30.0	62.0	139.4	40.4	5.3	2.7	1.3	89.7	.419
April	40.4	6.5	20.3	67.2	35.6	2.3	2.3	.4	26.6	.124
May	35.6	22.6	18.4	76.6	35.9	1.3	1.0	.3	38.1	.178
June	35.9	34.5	23.6	94.0	42.1	1.5	.5	.4	49.5	.231
2d quarter	40.4	63.6	62.3	166.3	42.1	5.1	3.8	1.1	114.2	.533
July	42.1	36.2	23.1	101.4	44.7	1.9	2.0	.5	52.3	.243
August	44.7	26.4	18.8	89.9	48.6	1.7	1.5	.7	37.4	.174
September	48.6	34.8	18.4	101.8	52.9	1.6	1.5	.5	45.3	.211
3d quarter	42.1	97.4	60.3	199.8	52.9	5.2	5.0	1.7	135.0	.628
October	52.9	28.9	24.5	106.3	56.3	1.9	.5	.6	46.0	.218
November	56.3	15.5	31.6	103.4	67.9	3.2	1.4	2.7	28.2	.131
December	67.9	7.8	30.0	105.7	61.0	2.7	1.2	1.5	39.3	.182
4th quarter	52.9	52.2	86.1	191.2	61.0	7.8	4.1	4.8	113.5	.527
1977										
January	61.1	9.3	22.3	92.6	62.4	1.4	1.0	.6	27.2	.126
February	62.4	5.6	20.4	88.4	55.5	1.2	.6	.6	30.5	.141
March	55.5	4.7	26.0	86.2	54.3	1.3	.3	.4	29.9	.139
1st quarter	61.0	19.6	68.7	149.3	54.3	3.9	1.9	1.6	87.6	.406
April	54.3	6.1	22.4	82.8	52.7	1.5	.3	.7	27.6	.128
May	52.7	29.0	21.9	103.6	56.4	1.7	.9	1.3	43.3	.200
June	56.4	40.9	25.3	122.6	63.4	1.9	3.6	.4	53.3	.247
2d quarter	54.3	76.0	69.6	199.9	63.4	5.1	4.8	2.5	124.1	.575
July	63.4	42.0	21.1	126.5	68.4	2.8	3.6	.4	51.3	.238
August	68.4	39.1	21.7	129.2	71.9	2.4	1.6	.7	52.6	.244
September	71.9	36.0	17.0	124.9	74.6	3.3	1.5	.6	44.9	.207
3d quarter	63.4	117.1	59.8	240.3	74.6	8.4	6.7	1.8	148.8	.689
October	74.6	25.9	24.3	124.8	78.1	2.7	1.7	1.0	41.3	.190
November	78.1	21.1	23.0	122.2	82.4	3.2	1.4	1.4	33.8	.156
December	82.4	11.9	25.1	119.4	94.3	2.8	1.4	.4	20.5	.095
4th quarter	74.6	58.9	72.4	205.9	94.3	8.7	4.5	2.8	95.6	.441

Note: Figures may not add to total because of rounding.

Table A4 --Exvessel, wholesale, and retail prices of raw headless shrimp, monthly, 1975-77

Month	Exvessel 1/			Wholesale 2/			Retail 3/	
	21-25	31-40	51-67	21-25	31-40	51-60	21-25	36-42
	Dollars per pound							
1975								
January	1.59	1.26	0.84	1.94	1.62	1.21	2.88	2.54
February	1.82	1.46	.98	2.19	1.75	1.30	2.84	2.54
March	2.07	1.63	1.13	2.49	1.94	1.44	3.04	2.56
April	2.32	1.84	1.28	2.79	2.18	1.64	3.50	3.01
May	2.65	2.08	1.37	3.07	2.56	1.76	4.42	3.44
June	2.55	1.95	1.23	3.01	2.49	1.75	4.08	3.42
July	2.56	1.95	1.26	2.92	2.38	1.65	4.31	3.45
August	2.67	2.08	1.35	3.09	2.52	1.79	4.19	3.44
September	2.85	2.23	1.36	3.17	2.62	1.74	4.19	3.72
October	2.90	2.30	1.34	3.30	2.72	1.75	4.33	3.72
November	2.96	2.39	1.40	3.41	2.80	1.76	4.49	3.79
December	3.04	2.48	1.41	3.49	2.90	1.94	4.76	4.02
1976								
January	3.21	2.57	1.43	3.67	3.04	2.06	4.56	3.79
February	3.24	2.84	1.55	3.96	3.27	2.25	4.74	3.64
March	3.46	2.82	1.60	3.97	3.30	2.26	4.90	3.86
April	3.59	2.98	1.75	4.26	3.60	2.41	5.04	3.96
May	4.06	3.17	1.79	4.73	3.84	2.44	5.18	4.45
June	4.03	2.74	1.33	4.77	3.60	2.25	5.14	4.39
July	3.42	2.26	1.42	4.41	3.08	1.94	5.03	3.85
August	3.01	2.17	1.55	3.78	2.80	2.05	5.21	3.57
September	3.30	2.37	1.56	4.02	3.02	2.17	4.74	3.36
October	3.15	2.31	1.35	3.81	2.90	2.11	4.86	3.69
November	3.53	2.58	1.45	4.08	3.03	2.15	5.14	3.59
December	3.65	2.66	1.45	4.17	3.22	2.22	5.14	3.59
1977								
January	3.73	2.81	1.53	4.18	3.20	2.16	5.26	4.39
February	3.83	2.88	1.60	4.27	3.31	2.22	5.44	4.54
March	3.96	3.04	1.75	4.36	3.39	2.33	5.49	4.27
April	3.67	2.69	1.48	4.33	3.31	2.30	5.60	3.94
May	3.64	2.56	-	4.28	3.14	2.11	5.66	3.68
June	3.70	2.25	1.19	4.36	3.01	1.84	5.45	3.69
July	3.59	2.09	1.30	4.30	2.71	1.79	5.19	3.55
August	2.93	2.16	1.34	3.77	2.63	1.94	5.29	3.19
September 4/	2.63	2.04	-	3.44	2.70	1.96	5.29	3.28
October 4/	2.76	2.08	-	3.28	2.54	1.89	5.17	3.12
November 4/	2.71	1.98	-	3.50	2.59	1.96	4.76	3.13
December 4/	2.55	1.92	-	3.32	2.56	1.93	4.33	3.01

1/ Weighted average, all species, South Atlantic and Gulf.
2/ At New York, N.Y.
3/ At Baltimore, Md.
4/ Preliminary.

Table A 5 --Supply and utilization of scallops, monthly, 1976 and 1977
(Product weight)

Month	Supply				Utilization		
	Beginning stocks	Landings 1/	Imports	Total	Ending stocks	Apparent consumption	
						Total	Per capita
	Million pounds						Pounds
1976							
January	2.0	0.6	1.3	4.0	1.9	2.1	0.009
February	1.9	.8	.9	3.6	1.8	1.8	008
March	1.8	1.0	1.3	4.2	1.7	2.5	.011
1st quarter	2.0	2.5	3.6	8.1	1.7	6.4	.028
April	1.7	1.3	1.8	4.7	1.8	2.9	.013
May	1.8	1.4	2.6	5.8	2.5	3.3	.015
June	2.5	2.4	3.4	8.3	3.0	5.3	.024
2d quarter	1.7	5.1	7.8	14.5	3.0	11.5	.052
July	3.0	2.8	2.4	8.3	3.7	4.6	.021
August	3.7	2.3	3.0	9.0	4.4	4.5	.021
September	4.4	1.9	3.1	9.4	4.7	4.7	.022
3d quarter	3.0	7.0	8.5	18.5	4.7	13.8	.064
October	4.7	1.2	2.2	8.1	4.7	3.4	.016
November	4.7	1.3	1.6	7.5	5.1	2.4	.011
December	5.1	1.2	1.7	8.0	4.9	3.1	.014
4th quarter	4.7	3.7	5.4	13.8	4.9	8.9	.041
1977							
January	4.9	1.0	1.2	7.1	4.4	2.8	.013
February	4.4	1.2	.9	6.5	4.1	2.3	.011
March	4.1	1.8	1.8	7.7	3.6	4.1	.019
1st quarter	4.9	4.0	3.9	12.8	3.6	9.2	.043
April	3.6	2.1	1.7	7.4	3.2	4.2	.019
May	3.2	2.6	2.7	8.5	3.7	4.8	.022
June	3.7	2.9	4.1	10.7	4.4	6.2	.029
2d quarter	3.6	7.6	8.5	19.6	4.4	15.6	.070
July	4.4	2.7	3.4	10.5	4.3	6.2	.028
August	4.3	2.1	3.9	10.3	4.7	5.6	.026
September	4.7	2.2	3.4	10.3	6.0	4.3	.020
3d quarter	4.4	6.9	10.6	22.0	6.0	16.0	.074
October	6.0	2.0	2.1	10.1	5.3	4.8	.022
November	5.3	1.6	2.5	9.4	6.1	3.3	.015
December	6.1	1.8	2.2	10.1	5.9	4.2	.019
4th quarter	6.0	5.4	6.8	18.2	5.9	12.3	.057

1/ Landings of sea scallops only (in Maine, Massachusetts, New York, New Jersey, Virginia, and Alaska).
Note: Figures may not add to total because of rounding.

Table A 6--Exvessel, wholesale, and retail prices for sea scallops, monthly, 1974-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	-Dollars per pound-											
Exvessel 1/												
1974	1.88	1.81	1.87	1.55	1.37	1.46	1.40	1.53	1.50	1.49	1.49	1.52
1975	1.57	1.71	1.62	1.72	1.62	1.72	1.78	1.91	2.00	2.32	2.36	2.29
1976	2.45	2.43	2.39	2.10	1.87	1.87	1.54	1.38	1.56	2.00	2.00	1.75
1977	1.94	1.73	1.66	1.48	1.39	1.36	1.42	1.63	1.76	1.98	2.02	2.07
Wholesale 2/												
1974	2.19	2.10	2.10	1.82	1.76	1.75	1.75	1.75	1.75	1.75	1.75	1.75
1975	1.85	1.85	1.85	1.95	1.92	2.00	2.06	2.10	2.25	2.51	2.68	2.68
1976	2.72	2.85	2.97	2.89	-	-	2.00	2.00	2.02	2.11	2.13	2.10
1977	2.08	2.08	2.00	1.99	1.89	1.68	1.65	1.80	1.88	2.13	2.34	2.35
Retail 3/												
1974	2.84	2.84	2.99	2.99	2.99	2.94	2.90	2.77	2.72	2.80	2.83	2.78
1975	2.62	2.54	2.84	2.83	2.95	2.98	3.06	3.20	3.36	3.51	3.92	4.04
1976	4.42	3.80	3.72	3.78	3.64	3.34	3.36	2.80	3.07	3.36	3.42	3.54
1977	3.70	3.53	3.45	3.25	2.94	2.81	2.60	2.83	3.03	3.19	3.04	3.09

1/ Weighted average at New Bedford, Mass.
2/ At Boston, Mass.
3/ At Baltimore, Md.

Table A7 .--Supply of American lobster, monthly, 1976-77
(Live weight)

Month	Total landings	Imports				Grand total
		Live	In airtight containers	Other	Total	
	Thousand pounds					
1976						
January	737	1,602	594	263	2,459	3,196
February	234	746	291	42	1,079	1,313
March	292	882	342	45	1,269	1,561
1st quarter	1,263	3,230	1,227	350	4,807	6,070
April	755	1,454	673	33	2,160	2,915
May	1,363	2,447	1,479	368	4,294	5,657
June	1,609	3,512	2,050	1,280	6,842	8,451
2d quarter	3,727	7,413	4,202	1,681	13,296	17,023
July	3,005	1,332	941	632	2,905	5,910
August	4,419	783	767	378	1,929	6,348
September	4,520	327	1,088	335	1,750	6,270
3d quarter	11,944	2,442	2,769	1,346	6,584	18,528
October	3,811	126	673	354	1,153	4,964
November	2,512	282	605	326	1,213	3,725
December	1,236	1,414	456	211	2,081	3,317
4th quarter	7,559	1,882	1,734	891	4,447	12,006
1977						
January	461	704	521	39	1,264	1,725
February	254	354	617	36	1,007	1,261
March	347	925	609	66	1,600	1,947
1st quarter	1,062	1,983	1,747	141	3,871	4,933
April	756	1,384	240	213	1,837	2,593
May	1,810	3,116	1,039	270	4,425	6,235
June	1,500	3,184	3,156	349	6,689	8,189
2d quarter	4,066	7,684	4,435	832	12,951	17,017
July	2,733	1,953	1,358	402	3,713	6,446
August	4,053	1,033	1,135	123	2,291	6,344
September	4,318	218	1,119	231	1,568	5,886
3d quarter	11,104	3,204	3,612	756	7,572	18,676
October	3,898	188	1,088	281	1,557	5,455
November	2,986	157	563	194	914	3,900
December	1,500	1,216	80	68	1,365	2,865
4th quarter	8,384	1,561	1,731	543	3,836	12,220

Note: Figures may not add to total because of rounding.

Table A8 --Exvessel and wholesale prices for American lobsters, monthly, 1975-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	Dollars per pound											
Exvessel 1/												
1975	1.61	2.00	2.30	2.25	1.69	1.86	1.71	1.63	1.46	1.52	1.53	1.57
1976	2.24	2.47	2.80	2.10	1.67	1.72	1.52	1.36	1.34	1.43	1.58	1.80
1977	2.95	3.01	2.92	1.89	1.77	1.91	1.59	1.65	1.47	1.55	1.84	2.57
Wholesale 2/												
1975												
CHIX	2.32	2.76	3.04	3.48	2.20	2.29	2.68	3.09	2.88	2.55	2.45	2.56
1-1/8 lb	2.36	2.78	3.04	3.48	2.20	2.29	2.68	3.11	2.92	2.62	2.52	2.64
1-1/4 lb	2.44	2.82	3.04	3.48	2.19	2.32	2.69	3.14	2.98	2.72	2.62	2.73
1-1/2 lb	2.65	2.96	3.18	3.65	2.31	2.42	2.70	3.25	3.39	3.16	2.99	2.94
2 lb	2.83	3.12	3.54	3.82	2.39	2.53	2.70	3.29	3.49	3.26	3.02	3.01
1976												
CHIX	3.02	3.14	3.46	3.10	2.30	2.63	2.77	2.76	2.70	2.51	2.61	3.43
1-1/8 lb	3.07	3.16	3.48	3.10	2.30	2.63	2.77	2.76	2.72	2.52	2.61	2.44
1-1/4 lb	3.15	3.21	3.52	3.12	2.31	2.66	2.79	2.79	3.75	2.56	2.69	3.46
1-1/2 lb	3.26	3.36	3.84	3.42	2.94	2.78	2.81	3.10	3.16	2.78	2.92	2.64
2 lb	3.30	3.51	3.12	3.62	2.55	2.80	2.84	31.8	3.32	2.92	3.06	3.70
1977												
CHIX	4.00	4.25	3.62	2.78	2.46	2.54	2.89	3.06	2.99	2.68	2.96	3.45
1-1/8 lb	4.00	4.28	3.62	2.78	2.46	2.54	2.89	3.06	2.99	2.74	3.00	3.47
1-1/4 lb	4.04	4.34	3.64	2.78	2.46	2.54	2.89	3.12	3.04	2.82	3.07	3.50
1-1/2 lb	4.24	4.52	3.96	3.14	2.69	2.68	2.93	3.58	3.60	3.28	3.37	3.80
2 lb	4.26	4.61	4.06	3.16	2.71	2.69	2.94	3.76	3.90	3.50	3.46	3.84

1/ Weighted average in Maine
2/ At New York, N.Y.

Table A 9.--Supply and utilization of lobster tails, monthly, 1976 and 1977

(Product weight)

Month	Supply			Utilization		
	Beginning stocks	Imports	Total	Ending stocks	Apparent consumption	
					Total	Per capita
	Million pounds					Pounds
1976						
January	2.7	3.1	5.8	3.5	2.3	0.011
February	3.5	3.1	6.5	3.6	2.9	.014
March	3.6	3.8	7.4	4.2	3.2	.015
1st quarter	2.7	9.9	12.6	4.2	8.4	.040
April	4.2	2.3	6.5	4.4	2.1	.010
May	4.4	2.3	6.7	3.5	3.1	.014
June	3.5	3.5	7.1	3.7	3.3	.015
2d quarter	4.2	8.1	12.3	3.7	8.5	.039
July	3.7	2.9	6.6	4.1	2.5	.012
August	4.1	2.6	6.7	4.5	2.2	.010
September	4.5	3.1	7.6	5.0	2.6	.012
3d quarter	3.7	8.6	12.4	5.0	7.4	.032
October	5.0	1.6	6.6	5.3	1.3	.006
November	5.3	2.4	7.7	5.4	2.3	.011
December	5.4	2.7	8.1	6.2	1.9	.009
4th quarter	5.0	6.7	11.7	6.2	5.5	.026
1977						
January	6.2	3.4	9.6	6.7	2.9	.013
February	6.7	3.6	10.3	6.4	3.9	.018
March	6.4	3.8	10.1	6.1	4.1	.019
1st quarter	6.2	10.8	17.0	6.1	11.0	.050
April	6.1	1.9	7.9	5.7	2.2	.010
May	5.7	2.7	8.4	5.2	3.3	.015
June	5.2	3.6	8.7	5.4	3.8	.018
2d quarter	6.1	8.1	14.2	5.4	8.8	.043
July	5.4	3.1	8.4	5.5	3.0	.014
August	5.5	3.2	8.7	5.3	3.4	.016
September	5.3	1.8	7.1	5.1	2.0	.009
3d quarter	5.4	8.1	13.5	5.1	8.4	.039
October	5.1	2.6	7.8	4.9	2.9	.013
November	4.9	1.3	6.2	5.3	.9	.004
December	5.3	2.8	8.1	5.0	3.1	.014
4th quarter	5.1	6.7	11.8	5.0	6.8	.031

Table A10-- Wholesale prices for selected sizes of cold and warm-water lobster tails, monthly, 1976-77

Size	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	Dollars per pound											
1976												
Cold-water												
4-6 oz	6.01	6.04	6.23	6.74	7.18	7.44	7.48	7.47	7.42	7.52	7.68	7.70
6-8 oz	6.06	6.06	6.18	6.68	7.13	7.35	7.39	7.36	7.23	7.36	7.50	7.61
8-10 oz	6.07	6.07	6.18	6.62	7.05	7.22	7.35	7.30	7.20	7.24	7.31	7.50
10-12 oz	6.09	6.08	6.15	6.48	6.90	7.15	7.15	7.21	7.06	7.22	7.28	7.43
12-16 oz	6.04	6.02	6.14	6.48	6.92	7.05	7.05	7.08	6.73	6.77	6.85	6.87
Warm-water												
4-6 oz	5.44	5.43	5.47	5.74	6.00	6.39	6.51	6.32	5.98	5.87	5.77	5.74
6-8 oz	5.37	5.38	5.42	5.69	5.92	6.38	6.54	6.37	5.94	5.93	5.85	5.84
8-10 oz	5.09	5.15	5.21	5.54	5.77	6.16	6.23	6.06	5.68	5.63	5.58	5.51
10-12 oz	4.79	4.86	4.94	5.34	5.60	5.94	6.18	5.62	5.34	5.36	5.29	5.26
12-16 oz	4.73	4.79	4.82	5.27	5.45	5.88	6.09	5.66	5.50	5.23	5.14	5.10
1977												
Cold-water												
4-6 oz	7.46	7.35	7.41	7.45	7.54	7.64	7.71	7.72	7.73	7.73	7.73	7.66
6-8 oz	7.49	7.36	7.40	7.45	7.50	7.59	7.63	7.65	7.63	7.63	7.65	7.65
8-10 oz	7.44	7.34	7.38	7.45	7.49	7.52	7.52	7.50	7.47	7.47	7.45	7.40
10-12 oz	7.39	7.37	7.40	7.48	7.52	7.52	7.49	7.49	7.45	7.42	7.42	7.39
12-16 oz	6.86	6.92	6.98	7.02	7.10	7.14	7.08	7.07	7.10	7.86	6.81	6.90
Warm-water												
4-6 oz	5.81	5.84	5.80	5.84	5.87	5.92	5.85	5.60	5.51	5.54	5.60	5.60
6-8 oz	5.92	5.94	5.90	5.96	6.05	5.98	5.88	5.69	5.55	5.65	5.71	5.74
8-10 oz	5.66	5.71	5.66	5.78	5.86	5.77	5.67	5.48	5.33	5.44	5.49	5.39
10-12 oz	5.31	5.38	5.38	5.37	5.39	5.37	5.25	5.04	4.84	4.86	4.90	4.89
12-16 oz	5.14	5.26	5.24	5.25	5.33	5.30	5.19	4.97	4.76	4.71	4.76	4.73

At New York, N.Y.

Table A11--Landings of king and snow crabs, monthly, 1976 and 1977
(Live weight)

Month	1976			1977		
	King	Snow	Total	King	Snow	Total
	Million pounds					
January	2.6	6.9	9.5	3.9	6.1	10.0
February	1.0	9.8	10.8	.3	11.4	11.7
March	1.0	17.2	18.2	.2	17.6	17.3
1st quarter	4.6	33.9	38.5	4.4	35.0	39.4
April	1/	22.6	22.6	1/	21.3	21.3
May	2.4	13.5	15.9	1/	24.4	24.4
June	-	8.5	8.5	1/	13.7	13.7
2d quarter	2.4	44.6	47.0	1/	59.3	59.4
July	-	.4	.4	1.0	1/	1.0
August	3.4	-	3.4	1.6	-	1.6
September	13.3	1/	13.3	15.3	1/	15.3
3d quarter	16.7	.4	17.1	17.9	1/	17.9
October	36.5	.1	36.6	41.7	.2	41.9
November	30.2	.3	30.5	26.2	.3	26.5
December	15.4	1.5	16.9	8.7	1.1	9.8
4th quarter	82.1	1.9	84.0	76.6	1.6	78.2

1/ Less than 51,000 pounds.
Note: Figures may not add to total because of rounding.

Table A12.--Wholesale prices for king and snow crab meat, monthly, 1974-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	Dollars per pound											
King crab												
Chicago												
1974	5.20	5.15	5.15	5.12	4.99	4.89	4.80	4.58	4.18	3.79	3.34	3.20
1975	3.04	2.88	2.99	3.18	3.45	3.45	3.45	3.41	3.50	3.65	2.82	3.92
1976	4.12	4.14	4.29	4.44	4.65	4.72	-	-	-	5.88	5.93	5.99
1977	6.08	5.96	5.97	6.09	6.25	6.41	6.67	6.83	6.92	7.09	7.24	7.39
New York												
1974	5.21	5.15	5.15	5.18	5.00	4.84	4.70	4.52	4.12	3.68	3.28	3.18
1975	2.94	2.87	3.05	3.20	3.40	3.45	3.35	3.24	3.52	3.64	3.70	3.96
1976	4.21	4.28	4.36	4.48	4.69	5.01	5.32	5.58	5.60	-	5.98	6.01
1977	6.01	5.92	5.92	6.14	6.35	6.30	6.69	6.88	7.01	7.22	7.20	7.59
Snow crab												
Chicago												
1974	-	-	3.30	3.31	3.18	2.97	2.94	2.70	2.40	2.30	2.32	2.23
1973	-	2.89	-	3.15	3.16	3.06	3.07	3.10	3.26	3.38	3.34	3.35
1974	-	-	3.30	3.31	3.18	2.97	2.94	2.70	2.40	2.30	3.32	2.23
1975	2.28	1.98	2.16	2.22	2.52	2.52	2.52	2.49	2.45	2.60	2.48	2.48
1976	2.62	2.62	-	-	3.45	3.45	-	-	3.72	3.72	3.72	3.78
1977	3.78	3.79	3.82	3.82	-	4.02	4.05	4.05	3.94	3.92	3.90	-
New York												
1974	3.25	3.26	3.35	3.41	3.33	3.11	2.88	2.80	2.55	2.46	2.28	2.27
1975	2.18	2.06	2.09	2.22	2.35	2.43	2.44	2.43	2.48	2.51	2.48	2.50
1976	2.61	2.78	3.22	3.70	3.80	3.96	3.90	3.61	3.53	3.51	3.45	3.58
1977	3.60	3.92	3.90	3.88	3.89	4.10	4.10	4.08	3.84	3.85	3.86	3.95

Table A13--Exvessel, wholesale, and retail prices for hard blue crabs, monthly, 1973-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	Dollars per pound											
Exvessel 1/												
1973	0.14	0.18	0.19	0.19	0.19	0.16	0.10	0.10	0.10	0.09	0.10	0.10
1974	.12	.14	.14	.13	.14	.12	.12	.11	.11	.10	.10	.10
1975	.14	.19	.23	.25	.22	.17	.14	.15	.13	.13	.16	.16
1976	.23	.26	.26	.26	.30	.28	.18	.19	.20	.17	.22	.18
1977	.30	.34	.35	.44	.36	.28	.22	.24	.18	.15	.15	.17
Wholesale, meat 2/												
Jumbo lump												
1973	5.78	6.27	6.37	6.28	5.37	5.26	4.95	4.88	5.22	5.25	5.35	5.62
1974	5.82	5.91	5.84	5.79	5.68	5.69	5.50	5.31	5.38	5.50	5.44	5.66
1975	5.82	5.84	6.59	7.15	6.94	6.69	6.84	6.62	6.62	6.58	6.59	7.25
1976	8.19	8.50	8.19	8.08	8.00	8.00	7.42	6.94	6.72	7.32	7.94	8.28
1977	8.78	9.19	9.25	9.38	9.00	8.75	8.12	8.12	7.75	7.88	8.00	8.16
Lump												
1973	4.34	4.96	5.35	4.98	4.00	4.32	3.97	4.08	4.23	4.10	4.11	4.38
1974	4.11	4.31	4.56	4.54	4.31	4.41	4.22	4.22	4.31	4.30	4.38	4.56
1975	4.72	4.72	5.28	5.88	5.75	5.59	5.78	5.56	5.53	5.52	5.66	6.08
1976	7.00	7.31	6.50	6.53	6.88	6.50	6.50	6.00	5.60	5.62	5.95	6.96
1977	7.00	8.33	8.00	7.70	6.88	6.62	6.62	6.25	6.75	6.00	5.25	5.50
Lump flake mixed												
1973	3.20	3.30	3.66	3.60	2.99	3.26	2.98	2.96	3.29	3.15	3.12	3.09
1974	3.10	3.24	3.32	3.22	3.10	2.96	2.84	2.67	2.78	2.76	2.82	2.99
1975	2.85	3.19	3.22	3.49	3.53	3.41	3.31	3.28	3.31	3.35	3.38	3.47
1976	3.84	3.88	3.94	4.25	4.41	4.50	4.12	3.75	3.88	4.00	4.09	4.41
1977	4.90	5.00	5.25	5.45	5.13	4.62	4.78	4.38	4.38	4.13	4.25	4.00
	Dollars per bushel											
Wholesale, live 2/												
1973	11.50	14.17	14.67	16.00	15.00	16.17	14.17	16.17	12.33	12.67	11.17	12.50
1974	12.16	14.50	16.50	14.50	14.00	14.67	12.67	12.17	11.33	10.17	11.83	13.00
1975	13.67	13.67	19.33	20.17	14.17	18.67	13.83	15.33	13.50	12.17	15.00	15.67
1976	20.00	18.25	18.62	19.70	23.25	21.88	15.40	18.12	17.00	16.00	18.33	18.70
1977	21.67	25.50	25.00	30.25	32.00	25.00	24.00	25.00	19.50	18.50	20.50	17.38
	Dollars per pound											
Retail, meat 3/												
1973	3.29	3.59	4.00	4.56	4.24	4.18	3.82	3.61	3.70	3.79	3.79	3.86
1974	3.89	3.96	4.22	4.33	3.87	3.94	3.73	3.69	3.73	3.69	3.76	3.79
1975	3.86	4.06	4.18	4.36	4.38	4.08	3.99	4.04	4.12	4.10	4.14	4.12
1976	4.72	4.76	4.68	4.99	5.20	5.79	5.04	4.76	5.51	5.24	5.62	5.99
1977	6.25	6.34	6.24	6.52	7.78	6.84	5.65	5.25	5.20	5.54	5.22	5.13

1/ Weighted average Maryland and Virginia landings, live weight basis.
2/ At New York, NY.
3/ At Baltimore, MD.

Table A14--Exvessel, wholesale,and retail prices of oyster meats, monthly, 1974-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
						Dollars per pound						
Exvessel 1/												
1974	0.66	0.62	0.69	0.75	0.66	0.78	0.75	1.08	0.73	0.68	0.73	0.78
1975	.68	.68	.57	.83	.73	.73	.71	.80	.80	.87	.94	.95
1976	1.00	1.08	.93	1.08	.95	.94	.95	.99	.93	.98	1.10	1.24
1977	1.43	1.33	1.07	.98	.88	1.14	1.10	1.21	.96	1.02	1.03	1.10
						Dollars per gallon						
Wholesale,												
Eastern 2/												
1974	10.50	10.75	10.50	10.50	11.00	11.00	10.75	11.75	12.50	11.50	10.75	11.25
1975	11.25	10.38	10.75	11.88	11.75	11.50	12.00	13.00	13.00	12.75	12.75	13.25
1976	12.75	12.75	12.00	12.75	12.75	13.50	14.50	13.50	14.50	14.50	14.50	14.75
1977	14.75	16.50	14.50	15.75	15.75	16.50	16.50	17.00	17.00	16.75	16.50	16.25
Olympia 3/												
1974	52.50	52.50	52.50	55.00	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50
1975	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50
1976	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50	57.50
1977	57.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50	71.50
Pacific 3/												
1974	10.60	10.60	10.60	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90
1975	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90	10.90
1976	10.90	10.90	10.90	10.90	10.90	10.90	11.05	11.20	11.20	11.29	11.64	11.65
1977	11.65	11.65	12.03	12.40	12.40	12.40	13.45	13.45	13.45	13.35	13.20	13.45
						Dollars per 12-oz. can						
Retail												
Eastern 4/												
1974	1.75	1.73	1.71	1.78	-	-	-	-	-	1.96	1.93	1.92
1975	1.92	1.87	1.85	1.84	-	-	-	-	-	2.06	2.02	2.02
1976	2.04	1.99	1.98	1.99	-	-	-	-	2.29	2.22	2.22	2.24
1977	2.29	2.43	2.39	2.24	-	-	-	-	-	2.44	2.37	2.34

1/ Weighted average, Maryland and Virginia.
2/ Standards, at Norfolk.
3/ At Seattle.
4/ Standards, at Baltimore.

Table A15--Exvessel prices for hard, soft, surf, and ocean quahog clam meats, monthly, 1974-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual average
	Dollars per pound												
Hard 1/													
1974	1.52	1.76	1.63	1.66	1.51	1.81	1.49	1.68	1.93	1.42	1.48	1.62	1.63
1975	1.53	1.52	1.73	1.74	1.44	1.47	1.66	1.69	1.78	1.58	1.40	1.71	1.61
1976	2.41	2.20	2.25	1.71	2.00	2.03	2.00	1.97	2.11	1.80	1.75	2.12	2.01
1977	3.43	2.50	2.02	2.18	1.73	1.83	2.09	2.41	2.42	1.94	2.12	2.13	2.23
Soft 2/													
1974	.77	.69	.74	.66	.73	.76	.86	.84	.89	.90	.75	.76	.79
1975	.80	.75	.80	.82	.76	.82	.86	1.03	.94	.91	.98	.93	.88
1976	1.50	1.16	.96	.92	1.03	1.10	1.21	1.27	1.15	1.01	1.10	1.32	1.13
1977	1.27	1.26	1.07	1.13	1.00	1.10	1.42	1.44	1.43	1.37	1.24	1.24	1.25
Surf 3/													
1974	.12	.11	.11	.12	.14	.15	.14	.15	.15	.15	.14	.13	.13
1975	.12	.12	.12	.12	.14	.14	.14	.15	.14	.13	.13	.13	.13
1976	.24	.26	.34	.36	.52	.54	.55	.58	.58	.56	.58	.52	.44
1977	.52	.51	.54	.54	.63	.59	.47	.44	.44	.44	.45	.47	.50
Ocean quahog 4/													
1974	.17	.17	.18	.17	.17	.17	.17	.17	.17	.17	.18	.20	.17
1975	.19	.19	.19	.19	.19	.19	.20	.20	.19	.19	.21	.20	.19
1976	.22	.22	.24	.24	.24	.23	.23	.27	.27	.27	.28	-	.25
1977	.30	.30	.30	.27	.28	.27	.27	.28	.29	.28	.31		

1/ Weighted average, New York.
2/ Weighted average, Maine and Maryland.
3/ Weighted average, New Jersey.
4/ Weighted average, Rhode Island.

Table A16-- Wholesale prices of hard, soft, and surf clams, at New York, monthly, 1973-77

Item	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
	Dollars per bushel											
Hard chowders												
1973	6.75	6.75	6.25	6.25	5.75	5.25	5.75	5.75	5.75	5.75	6.25	6.00
1974	6.50	6.50	6.25	7.00	6.25	6.25	6.25	5.75	6.75	6.25	6.75	6.75
1975	6.75	6.50	6.75	7.00	6.75	6.25	6.75	6.50	7.00	7.25	7.00	7.50
1976	10.50	11.00	7.50	7.50	7.31	7.50	7.01	7.56	7.88	8.55	8.81	10.00
1977	12.88	13.00	9.50	8.35	8.06	8.15	7.81	8.50	8.50	8.75	8.00	11.00
Hard, cherry-stones												
1973	13.87	15.75	15.25	14.75	14.00	13.00	14.25	13.50	14.25	12.75	13.00	13.50
1974	14.60	15.25	14.88	14.38	14.30	14.12	14.33	14.17	14.33	14.00	14.33	15.17
1975	15.20	14.88	16.13	15.70	14.50	14.63	15.00	14.88	15.75	15.40	15.13	16.67
1976	19.25	17.50	15.30	14.75	15.50	15.10	14.84	15.44	15.88	15.70	16.00	17.70
1977	23.38	20.38	15.25	14.60	15.00	15.50	15.50	17.50	16.00	16.00	16.00	20.00
Hard, littlenecks												
1973	39.00	35.83	33.75	33.25	25.00	26.75	33.50	33.75	35.50	25.50	29.67	28.00
1974	33.20	36.38	35.62	32.75	30.20	28.12	32.50	29.33	35.83	31.33	29.00	36.67
1975	34.40	34.38	37.25	34.80	30.00	32.25	35.10	35.88	39.50	34.13	31.04	35.35
1976	48.31	43.75	34.58	32.50	34.50	34.25	34.14	36.25	40.75	35.10	36.50	44.80
1977	57.25	44.75	41.75	36.80	36.25	39.00	39.50	42.50	46.00	40.00	38.50	54.50
Soft												
1973	24.00	22.50	16.50	21.50	20.00	16.00	21.50	23.50	20.00	18.00	18.00	18.50
1974	18.00	18.50	18.00	18.00	17.50	18.50	18.00	17.50	18.50	20.50	19.50	18.50
1975	18.50	18.50	19.00	16.00	16.00	16.50	17.00	30.50	31.00	26.00	27.50	30.00
1976	31.00	25.00	20.00	23.00	23.00	24.39	34.81	34.50	33.50	30.20	28.25	32.50
1977	30.75	32.33	28.25	26.40	24.50	24.50	25.00	30.00	34.50	34.00	32.00	29.50
	Dollars per gallon											
Surf, minced												
1975	-	-	-	5.25	5.25	5.50	5.25	5.75	5.75	5.75	5.75	6.12
1976	6.75	8.50	9.25	9.25	9.75	10.31	10.00	10.31	11.25	11.19	11.56	12.12
1977	12.50	12.00	11.81	11.80	11.75	11.75	11.75	11.75	11.88	11.75	11.75	11.75
Surf, strips												
1975	-	-	-	6.25	-	6.25	6.25	6.75	6.50	6.75	7.50	7.12
1976	7.75	9.50	11.00	11.00	11.25	11.83	11.50	12.18	12.83	12.83	13.00	14.00
1977	14.00	14.00	13.50	13.50	13.69	13.75	13.75	13.75	13.75	13.75	13.75	13.75

Reports on the Molluscan Shellfish Industry

The Department of Commerce, in response to the Bauman Amendment to the Coastal Zone Management Act (P.L. 94-370), has issued several reports on the molluscan shellfish industry. The Secretary's Report to the Congress, "The Molluscan Shellfish Industries and Water Quality--Problems and Opportunities," contains findings, conclusions, and recommendations which are supported by the 4 technical studies listed below.

All of these reports may be purchased by mail directly from the U.S. Government Printing Office in Washington, D.C., or by over-the-counter sales at all GPO regional sales offices.

The handy order form can be detached and used when ordering by mail.

Detach

Mail this order form with personal check or money order to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Do not send cash, and always use ZIP CODES on addresses.

Gentlemen:

Please send me the number of copies indicated for the following publications:

_____ copies of "The Molluscan Shellfish INdustries and Water Quality--Problems and Opportunities," The report to the Congress by the Secretary of Commerce (GPO 003-020-00142-4 price $2.10)

_____ " " "A Comprehensive Review of the Commercial Oyster Industries in the United States" (GPO 003-020-00131-9, price $2.10)

_____ " " "A Comprehensive Review of the Commercial Clam Industries in the United States (GPO 003-020-00132-7, price $2.50)

_____ " " "A Comprehensive Review of the Commercial Mussel Industries in the United States" (GPO 003-020-00133-5, price $2.75)

_____ " " "Water Quality and Molluscan Shellfish: An Overview of the Problems and the Nature of Appropriate Federal Laws" (GPO 003-020-00135-1, price $3.75)

Please print your: Name_____

Address_____

City_____ State_____ ZIP_____

Enclosed $_____

SERVICES

MARKET NEWS SERVICE

MARKET NEWS REPORTS

Fishery Market News reports give landings, market receipts, cold-storage holdings, exvessel prices, wholesale prices, foreign trade data, current market developments, and other information for major fishery trading centers in the United States. The reports are issued from Boston, New York, New Orleans, Terminal Island, and Seattle.

You can order the full service or tri-weekly report (includes the weekly summary), or order only the weekly summary. The tri-weekly report is issued Monday, Wednesday, and Friday. The weekly summary is issued on Friday. The full service costs $35 a year. The Friday weekly summary costs $15 a year. The subscription period is 1 year beginning the first of the month following receipt of the order.

HOW TO ORDER

Use the form provided on the next page to subscribe. Make sure you mark clearly the report you are ordering. Send order directly to the field office that issues the report. Use a separate order if you are ordering more than one report.

Boston (Blue sheet)

Full service report: Landings at Boston, New Bedford, and other New England ports; Boston and New Bedford exvessel auction prices; Chicago freshwater fish wholesale prices; Boston market receipts and wholesale prices; U.S. and New England cold-storage holdings; U.S., New England, and Great Lakes imports of fishery products; U.S. frozen fish block imports by species, by country. Frozen wholesale prices for the New England and Chicago Markets are published each Wednesday.

Weekly Summary: Landings at principal New England ports; exvessel prices for Boston, New Bedford, and other ports; Boston lobster market; Chicago receipts; and prices of major seafoods.

New York (Green sheet)

Full service report: Fresh saltwater fish receipts and wholesale prices at N.Y. City's Fulton Market and Baltimore; frozen fish and shellfish wholesale prices for N.Y. area each Friday; landings at New England ports, the Gulf, and the Pacific Northwest; U.S. and local imports of fishery products; and U.S. cold-storage holdings.

Weekly Summary: Receipts and prices at N.Y. City's Fulton Market and Baltimore; landings in the Chesapeake area and in North Carolina.

New Orleans (Goldenrod sheet)

Full service report: Gulf shrimp landings by species, size, and area; spiny lobster landings; oyster, crab and finfish landings and crabmeat production by area; New Orleans wholesale fresh fish and shellfish prices; North Carolina fish and shellfish landings by districts; New York shrimp and crabmeat receipts and prices; New York frozen fishery prices; Chicago frozen shrimp receipts and prices; Baltimore soft crab and oyster prices; Kodiak, Alaska, shrimp landings; fish meal, oil, and solubles market; sponge sales at Tarpon Springs; shrimp receipts at canning plants; U.S. cold-storage holdings; and U.S. and local imports.

Weekly Summary: Gulf shrimp landings by species, size and area, spiny lobster, oyster, crab, and finfish landings, and crabmeat production by area; North Carolina landings by species and districts; exvessel shrimp prices by species group, size, and area; New Orleans wholesale fresh fish and shellfish prices; and shrimp and oyster canned pack.

Seattle (Pink sheet)

Full service report: Halibut landings and prices by port; Seattle otter trawl landings and prices; landings at Kodiak; troll salmon landings at Seattle and in Alaska; salmon and otter trawl landings by species and port; albacore landings and prices for Washington and Oregon; Northwest and Alaska canned wholesale prices; Seattle wholesale receipts and prices: fish meal, oil, and solubles market; New York halibut and salmon receipts and prices; airfreight shipments; Alaska canned salmon pack by species and district; U.S. and Northwest imports.

Weekly Summary: Halibut landings by port; halibut exvessel prices; Seattle otter trawl landings and prices; landings at Kodiak; troll salmon landings and prices at Washington, Oregon, and Alaska ports; salmon and otter trawl landings for northern California; albacore landings and prices for Washington and Oregon.

Terminal Island (Yellow sheet)

Full service report: Tuna landings and cannery receipts; market fish landings by port and species; anchovy and mackerel landings; U.S. and regional fish meal, oil, and solubles market; canned fish prices; California canned tuna and bonito pack; U.S. cold-storage holdings; California imports of fishery products and U.S. shrimp imports by count size.

Weekly summary: Market fish landings by port and area; anchovy, mackerel, and otter trawl landings; tuna receipts and activities at California canneries.

MESSAGE CENTERS

Recorded current market information is available around the clock at the following message centers.

Boston, Mass. 617-542-7878
Landings and exvessel prices at Boston, Gloucester, and New Bedford, Mass.

Chicago, Ill. 312-353-2260
Wholesale prices for sales of shrimp in Chicago.

Gloucester, Mass. 617-283-1101
Landings and exvessel prices at Boston and Gloucester; sea scallop landings and prices at New Bedford, Mass.

New Bedford, Mass. 617-997-6565
Landings and exvessel prices at New Bedford.

Hampton, Va. 804-723-0303
Landings and exvessel prices for New Bedford and Boston, Mass., and the Fulton Market in New York, announced from 10:30 a.m. to 3:00 p.m., Monday through Friday. Wholesale prices at Baltimore, Md., and New York Fulton Market announced 3:30 p.m. until 10:00 a.m. the following day, Monday through Thursday. Friday only, weekly summary of landings in the Hampton Roads area.

New York, N.Y. 212-620-3577
Landings and exvessel prices at New York City; Boston, Gloucester, and New Bedford, Mass. announced 10:15 a.m. to 3:00 p.m. Wholesale prices for sales at New York Fulton Market announced 3:15 p.m. to 10:00 a.m. the following day.

New York, N.Y. 212-620-3244
Frozen seafood wholesale selling prices.

SERVICES

REQUEST FOR FISHERY MARKET NEWS REPORTS

Enter name and address to whom you want reports mailed in space provided below.

BECAUSE REPORTS CANNOT BE MAILED TO COUNTRIES WHERE POSTAGE RATES EXCEED THE UNITED STATES FIRST CLASS POSTAGE RATE, WE WILL NOT ACCEPT SUBSCRIPTIONS THAT REQUIRE MAILING REPORTS TO FOREIGN COUNTRIES OTHER THAN MEXICO AND CANADA. PERSONS IN COUNTRIES OTHER THAN MEXICO AND CANADA WHO WISH TO PURCHASE REPORTS SHOULD MAKE ARRANGEMENTS THROUGH SOME GROUP IN THE UNITED STATES, SUCH AS THEIR EMBASSY.

Name _____ Street Address _____

City _____ State or Province _____ Zip Code _____

Occupation _____

IMPORTANT -- USE CHECK OR MONEY ORDER. CHECKS MUST BE DRAWN ON U.S. BANKS.
MAKE CHECK OR MONEY ORDER PAYABLE TO: U.S. DEPARTMENT OF COMMERCE-NOAA

Please check in the boxes provided below the service you wish to receive. Return this form with payment to one of the addresses indicated for the report(s) you ordered.

Mail Check or Money Order to:	REPORT	FULL SERVICE* Price per year	WEEKLY SUMMARY** Price per year
National Marine Fisheries Service Market News Office Room 10, Commonwealth Pier Boston, Massachusetts 02210 617-542-6070	BOSTON (Blue sheet)	☐ $35	☐ $15
National Marine Fisheries Service Market News Office 201 Varick Street - Room 951 New York, New York 10014 212-620-3405	NEW YORK (Green sheet)	☐ $35	☐ $15
National Marine Fisheries Service Market News Office 546 Carondelet Street - Room 412 New Orleans, Louisiana 70130 504-589-6151	NEW ORLEANS (Goldenrod sheet)	☐ $35	☐ $15
National Marine Fisheries Service Market News Office U.S. Customs House - Room 2016 300 South Ferry Street Terminal Island, California 90731 213-548-2572	TERMINAL ISLAND (Yellow sheet)	☐ $35	☐ $15
National Marine Fisheries Service Market News Office 1700 Westlake Ave., North, Room 732 Seattle, Washington 98109 206-442-5230	SEATTLE (Pink sheet)	☐ $35	☐ $15

*The full-service report is issued Monday, Wednesday, and Friday including the weekly summary.

**The weekly summary is issued on Friday and also contains daily information.

*U.S. GOVERNMENT PRINTING OFFICE:1978 261-091/106 1-3

U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Washington, D.C. 20235

OFFICIAL BUSINESS

POSTAGE AND FEES PAID
U.S. DEPARTMENT OF COMMERCE
COM-210

Third Class Bulk Rate

U.S.MAIL

5196812 020 B 0172 01
LIBRARY
NAT MARINE FISH SERVICE
NAT OCEANIC & ATM ADM.
P O BOX 3830
HONOLULU HAWAII 96812